Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109823.D
Acq On : 12 Oct 2018 9:00
Operator : JU/SJ
Sample : J5296-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :**

Quant Time: Oct 12 10:36:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.69 | 152 | 71054 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 7.97 | 136 | 275857 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 9.72 | 164 | 108473 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.20 | 188 | 197791 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 13.83 | 240 | 222369 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.23 | 264 | 160070 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.31 | 112 | 135261 | 33.79 | ng | -0.01 |
| 7) Phenol-d6 | 6.35 | 99 | 134401 | 25.13 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.26 | 82 | 504251 | 100.76 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.51 | 330 | 95097 | 80.46 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.05 | 172 | 850359 | 107.97 | ng | 0.00 |
| 78) Terphenyl-d14 | 12.78 | 244 | 857697 | 74.67 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.46 | 77 | 7288 | 2.118 | ng | # 72 |
| 19) n-Nitroso-di-n-propylamine | 7.26 | 70 | 64663 | 17.243 | ng | # 78 |
| 25) Isophorone | 7.26 | 82 | 504251 | 60.680 | ng | # 67 |
| 49) Dimethylphthalate | 9.45 | 163 | 49915 | 6.274 | ng | 99 |
| 50) 2,6-Dinitrotoluene | 9.72 | 165 | 12887 | 7.473 | ng | # 21 |
| 56) 2,4-Dinitrotoluene | 9.72 | 165 | 12887 | 5.988 | ng | # 17 |

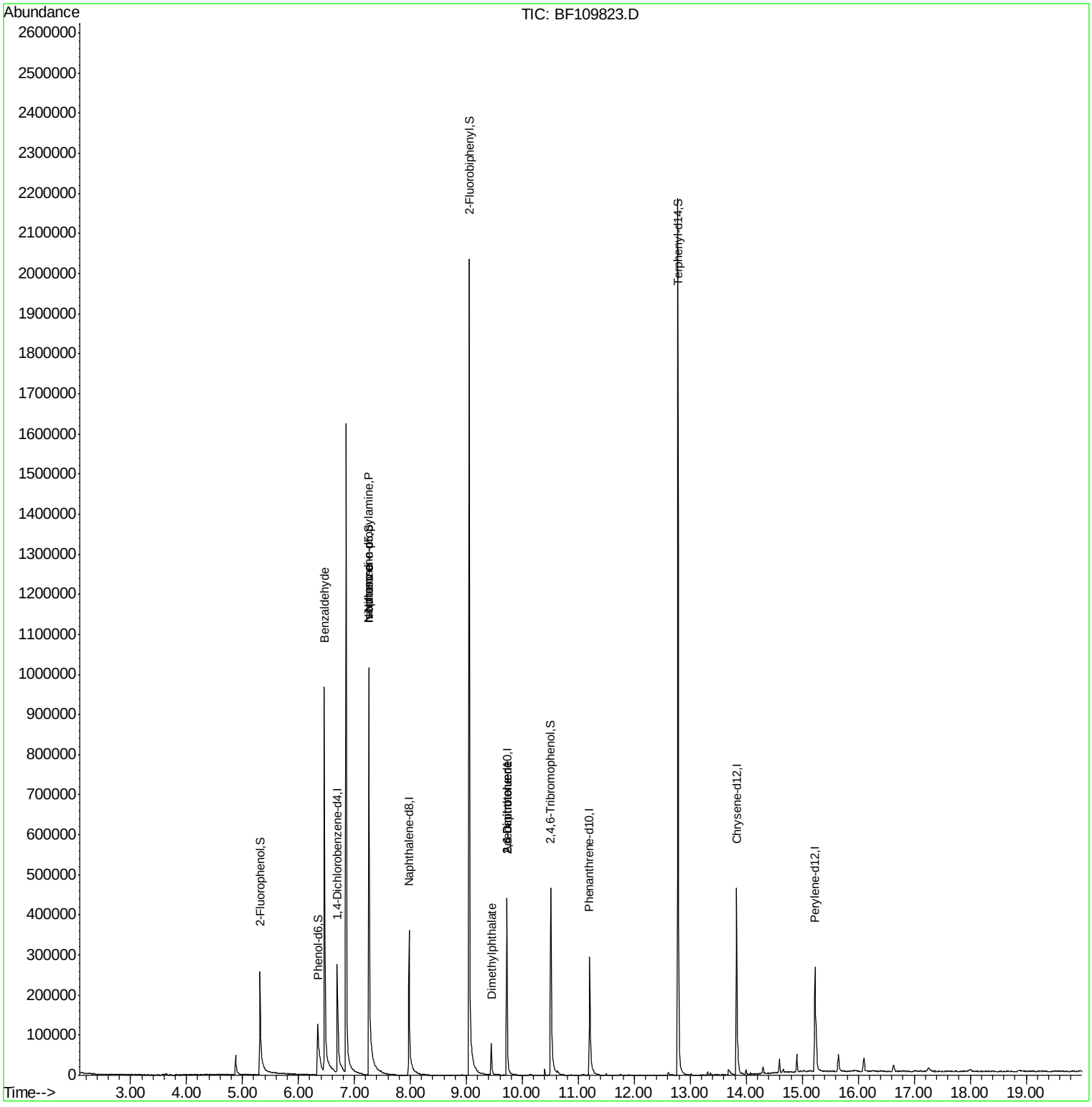
(#) = qualifier out of range (m) = manual integration (+) = signals summed

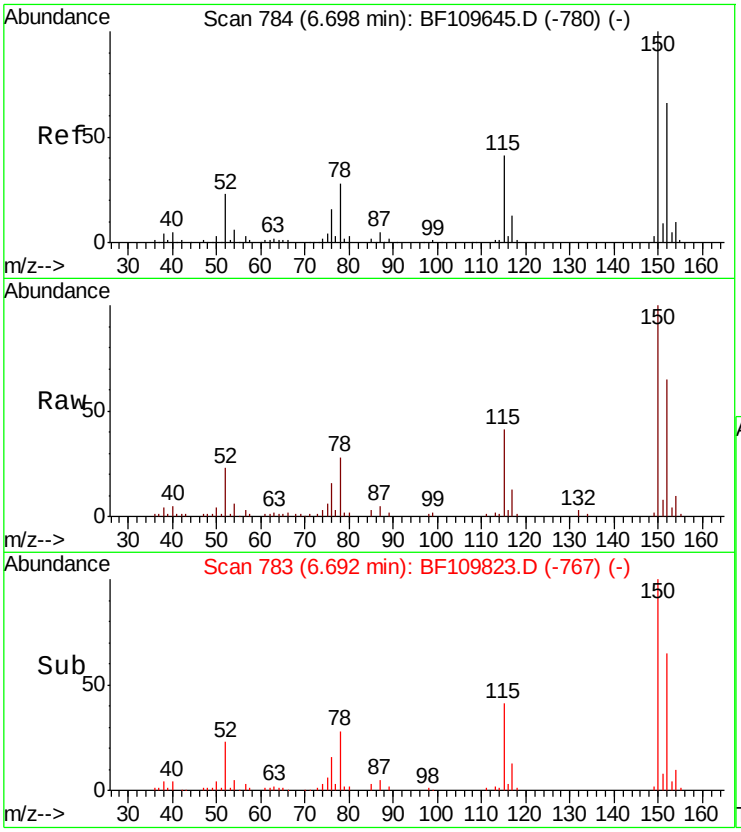
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109823.D
Acq On : 12 Oct 2018 9:00
Operator : JU/SJ
Sample : J5296-15
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**

Quant Time: Oct 12 10:36:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration



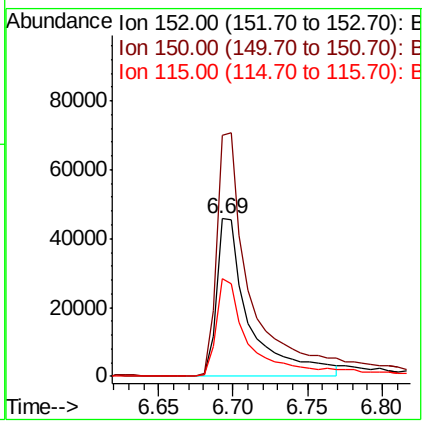


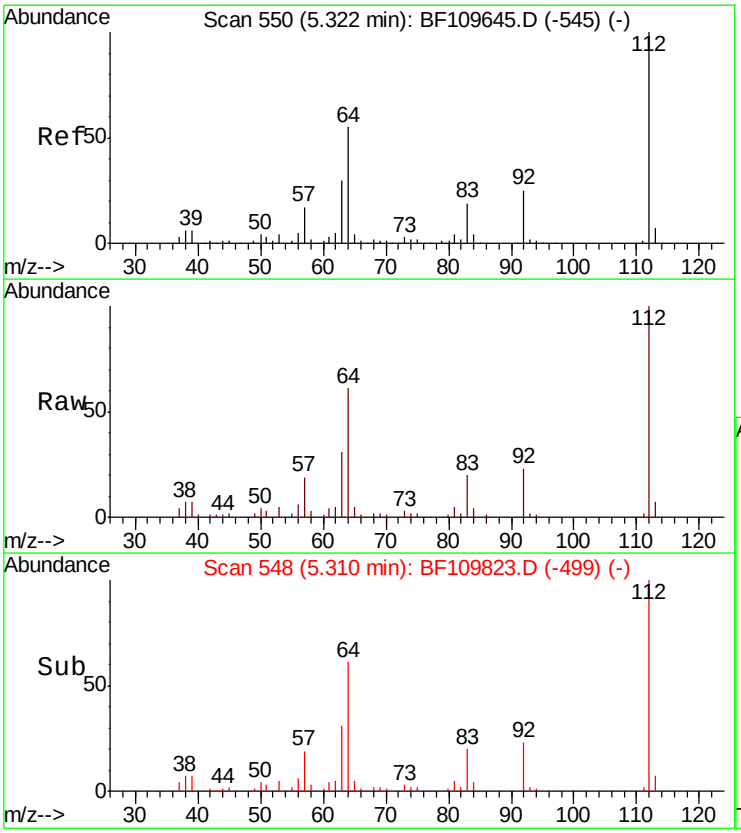

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:152 Resp: 71054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.8 | 122.7 | 184.1 |
| 115 | 61.9 | 49.1 | 73.7 |

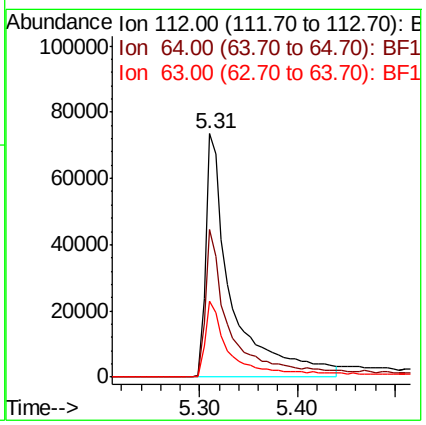


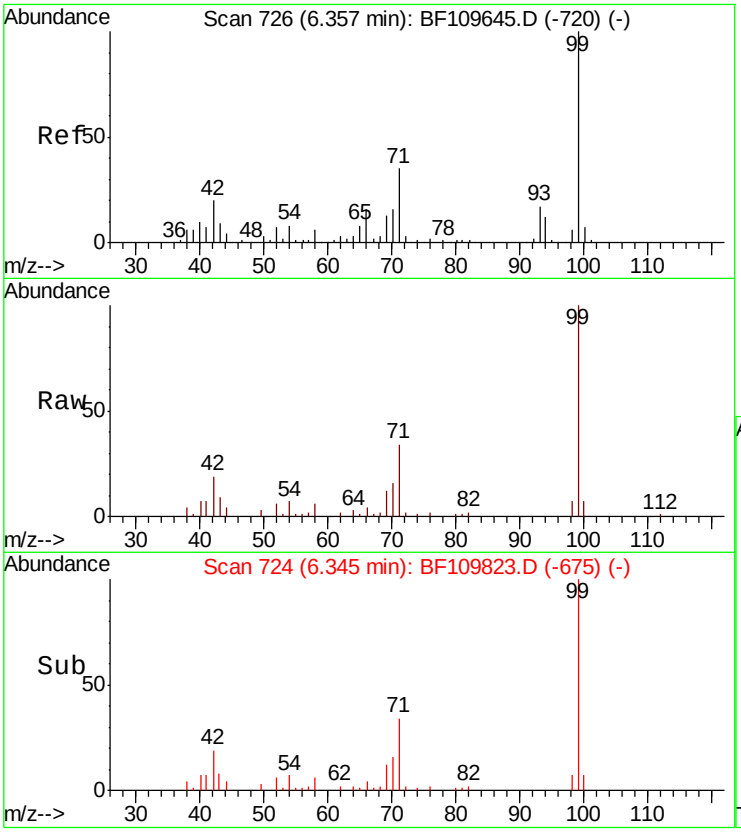




#5
2-Fluorophenol
Concen: 33.790 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion:112 Resp: 135261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.7 | 44.1 | 66.1 |
| 63 | 31.1 | 23.7 | 35.5 |



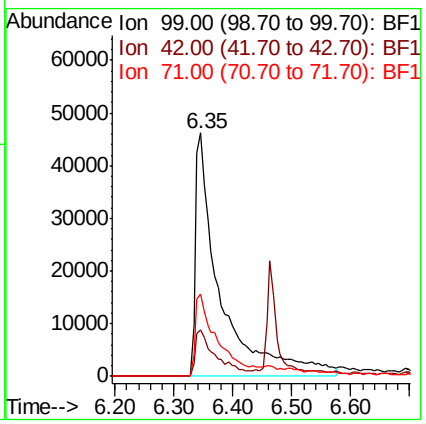


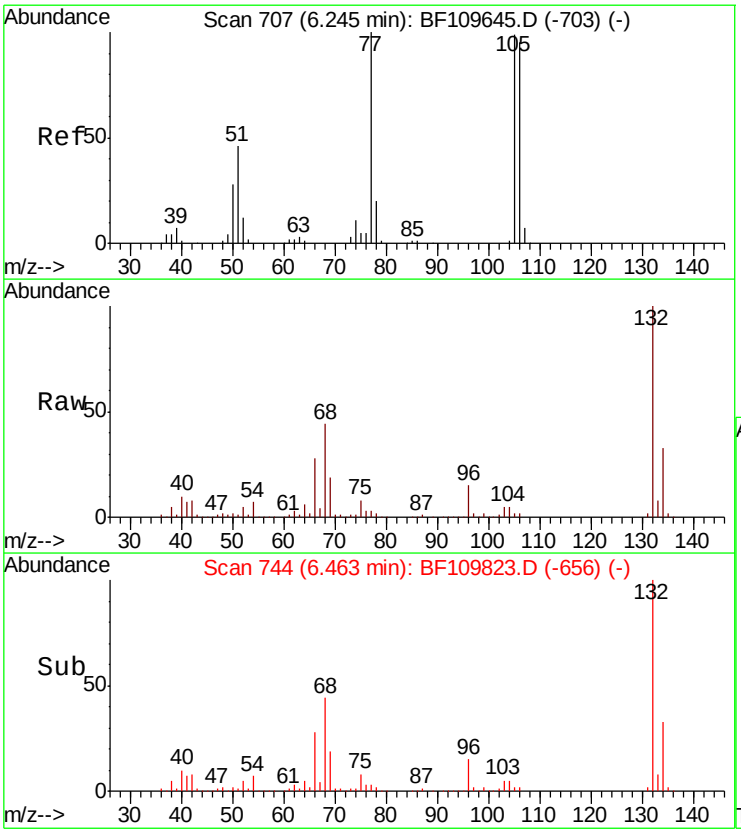

#7
Phenol-d6
Concen: 25.133 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 99 Resp: 134401

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.9 | 15.8 | 23.6 |
| 71 | 33.9 | 28.0 | 42.0 |

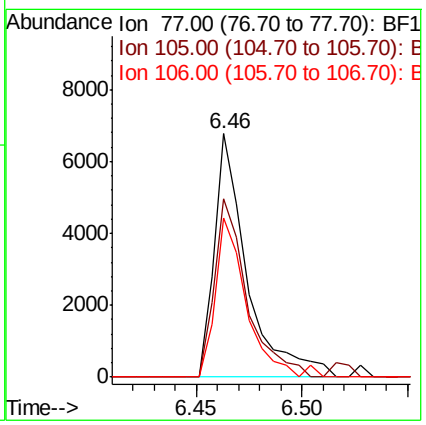


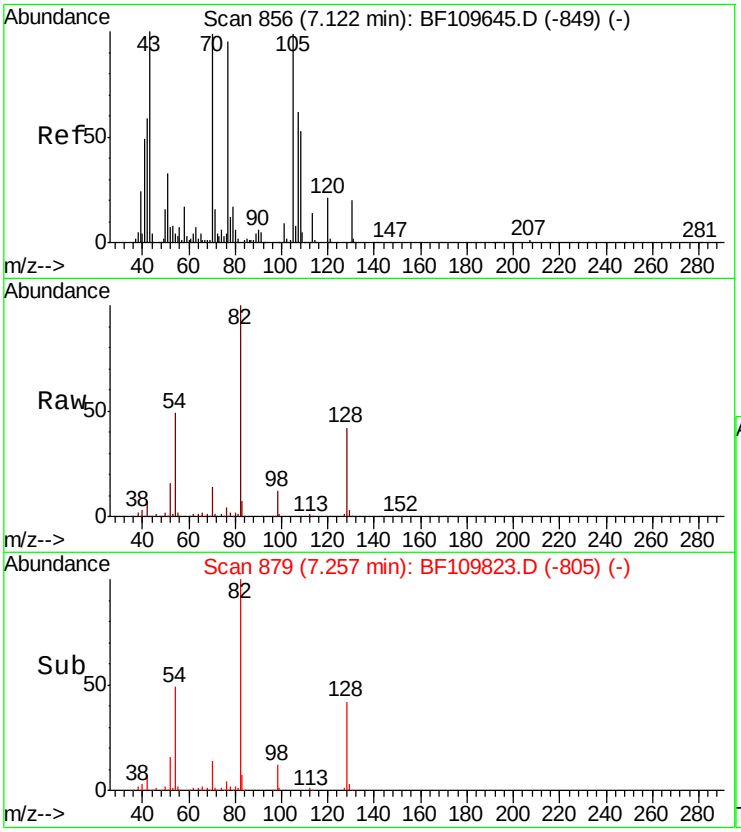




#9
Benzaldehyde
Concen: 2.118 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.22 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion: 77 Resp: 7288

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 73.2 | 78.6 | 118.6# |
| 106 | 65.5 | 74.8 | 114.8# |



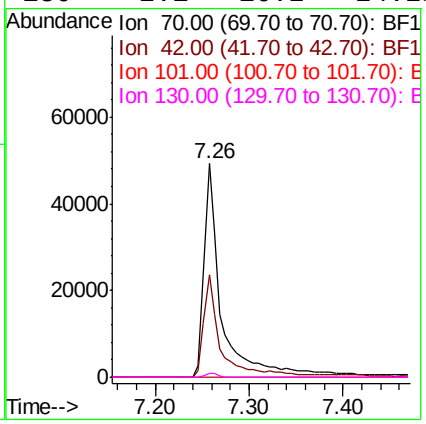


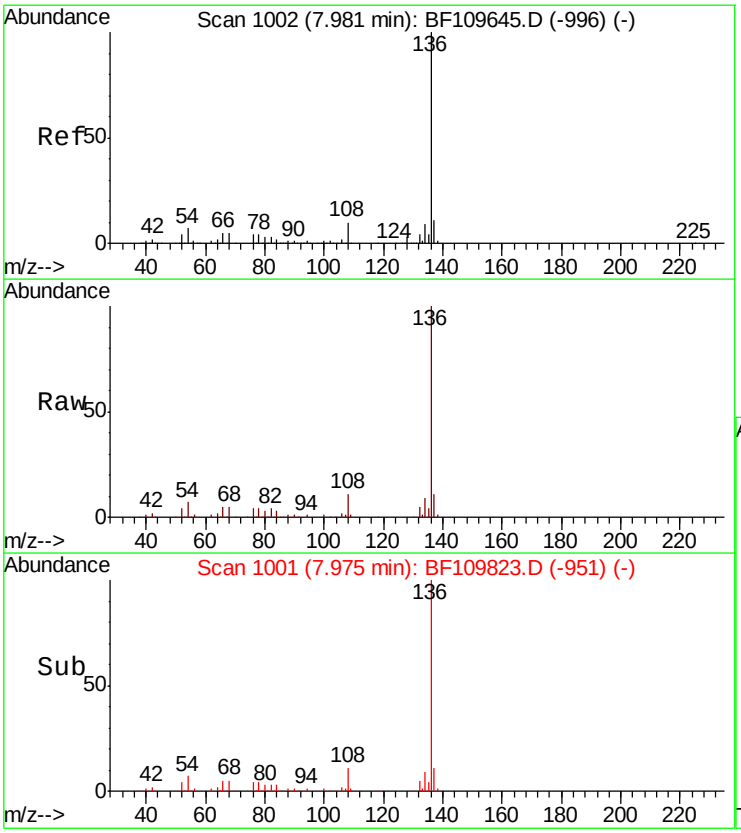

#19
n-Nitroso-di-n-propylamine
Concen: 17.243 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 70 Resp: 64663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.0 | 47.4 | 71.2 |
| 101 | 0.0 | 7.3 | 10.9# |
| 130 | 2.1 | 16.2 | 24.2# |

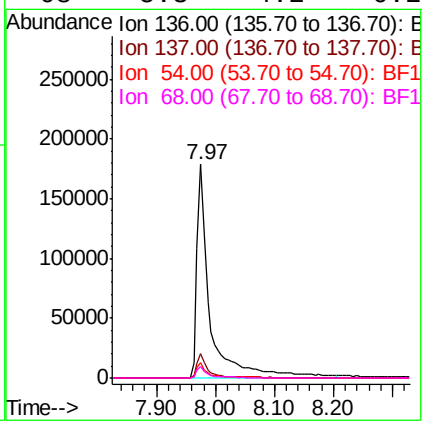


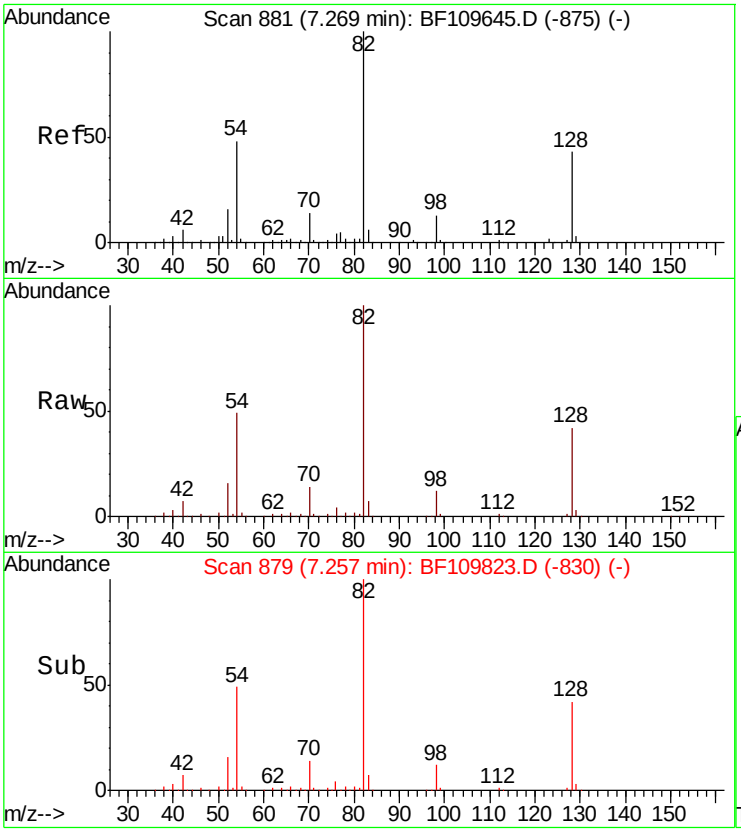




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion:136 Resp: 275857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 7.5 | 5.4 | 8.2 |
| 68 | 5.3 | 4.2 | 6.2 |



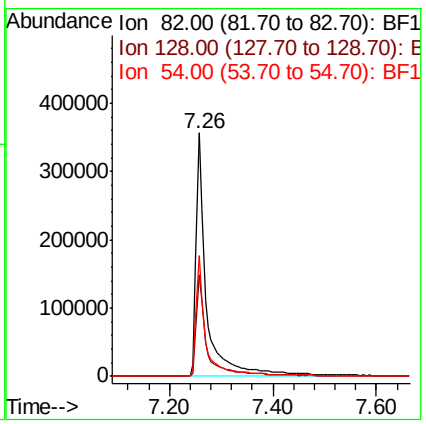


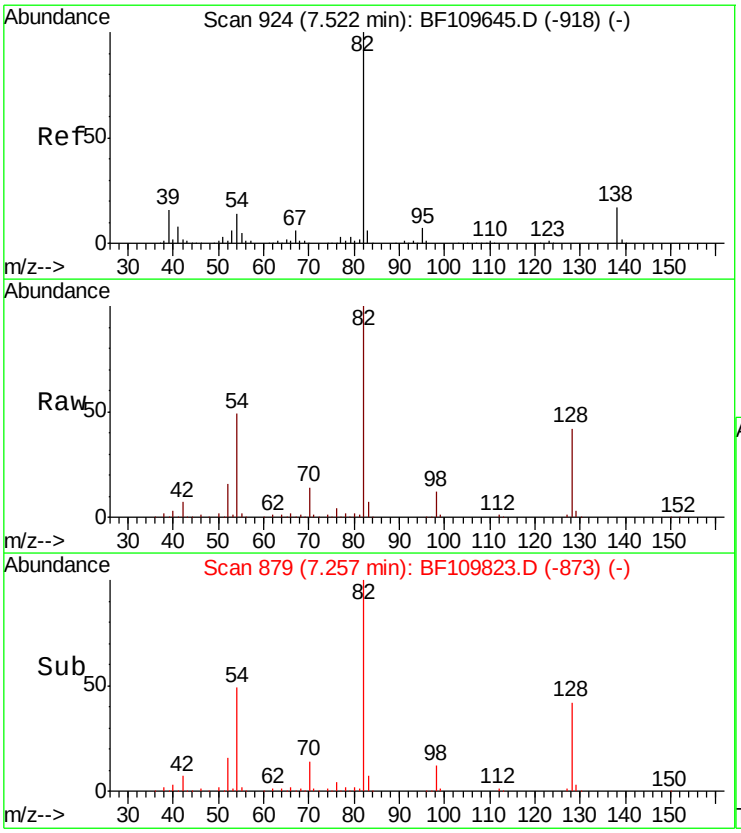

#23
Nitrobenzene-d5
Concen: 100.762 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion: 82 Resp: 504251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.8 | 34.2 | 51.2 |
| 54 | 49.4 | 38.6 | 58.0 |

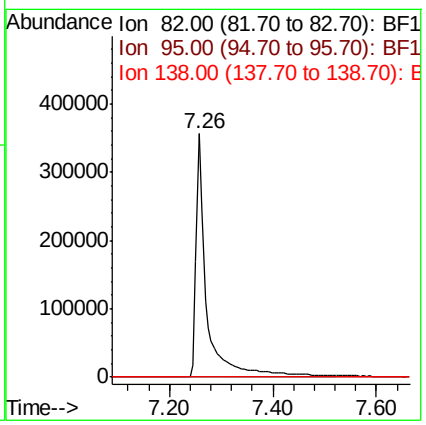


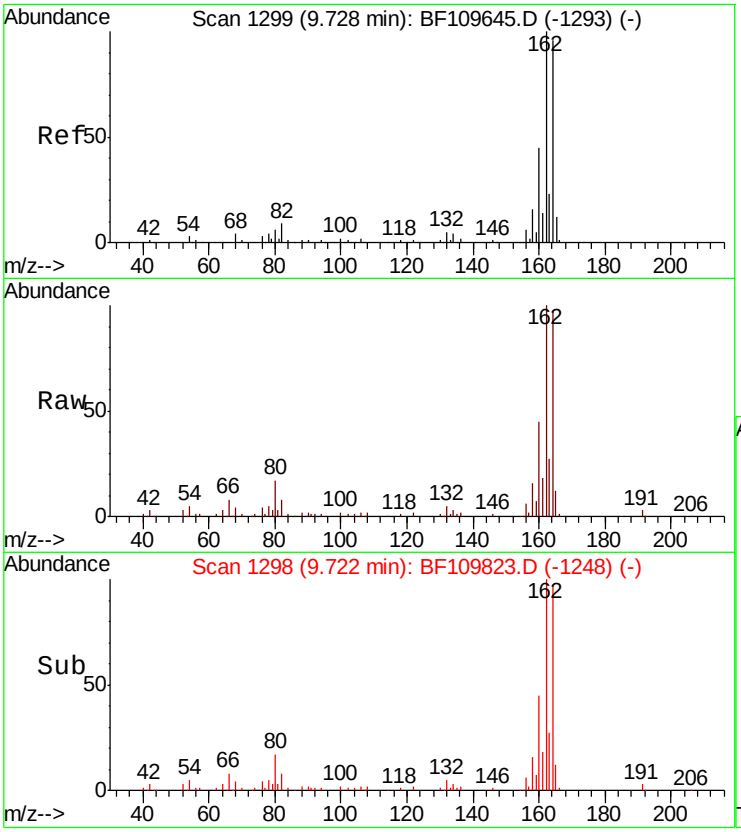




#25
Isophorone
Concen: 60.680 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion: 82 Resp: 504251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.7 | 8.5# |
| 138 | 0.0 | 13.2 | 19.8# |



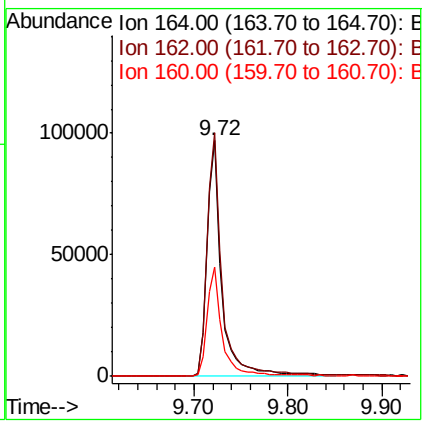


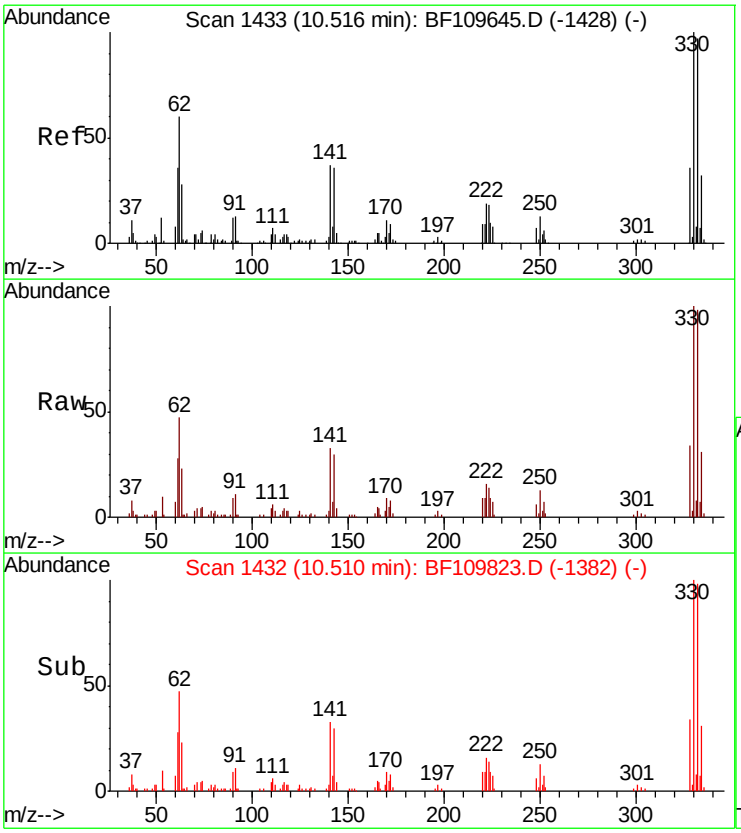

#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:164 Resp: 108473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.4 | 83.0 | 124.6 |
| 160 | 46.5 | 37.0 | 55.6 |

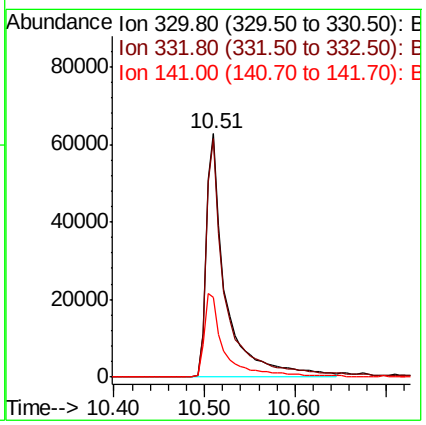


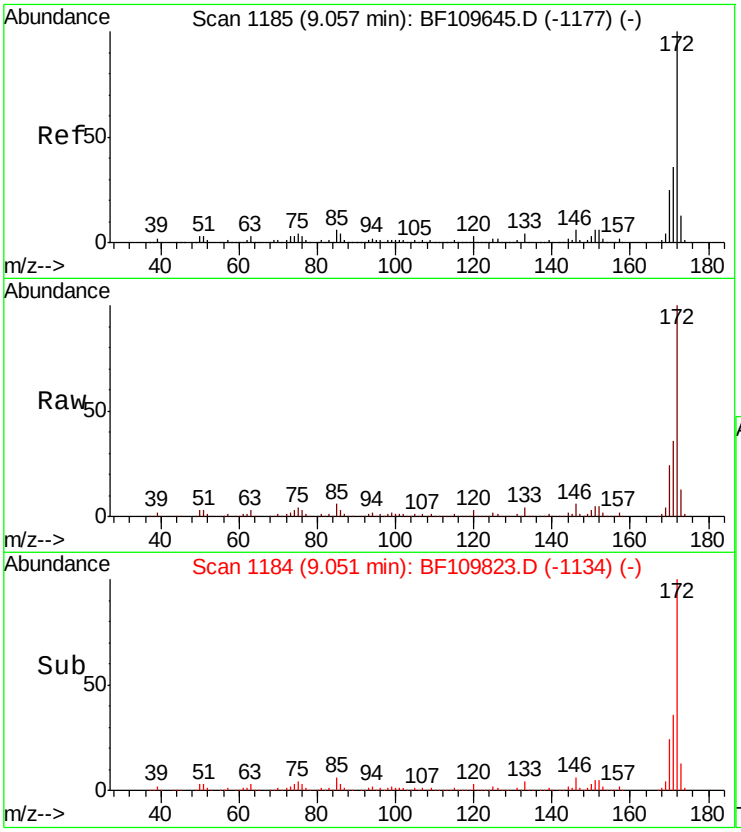




#41
2,4,6-Tribromophenol
Concen: 80.459 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion:330 Resp: 95097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.1 | 77.1 | 115.7 |
| 141 | 36.1 | 27.0 | 40.4 |



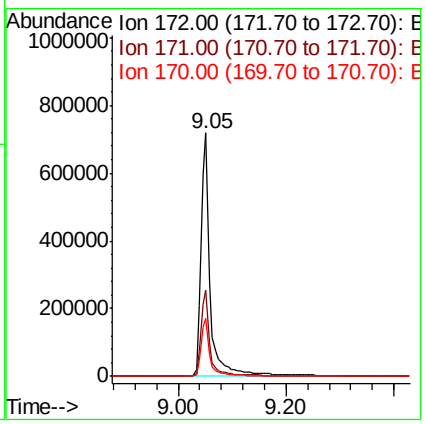


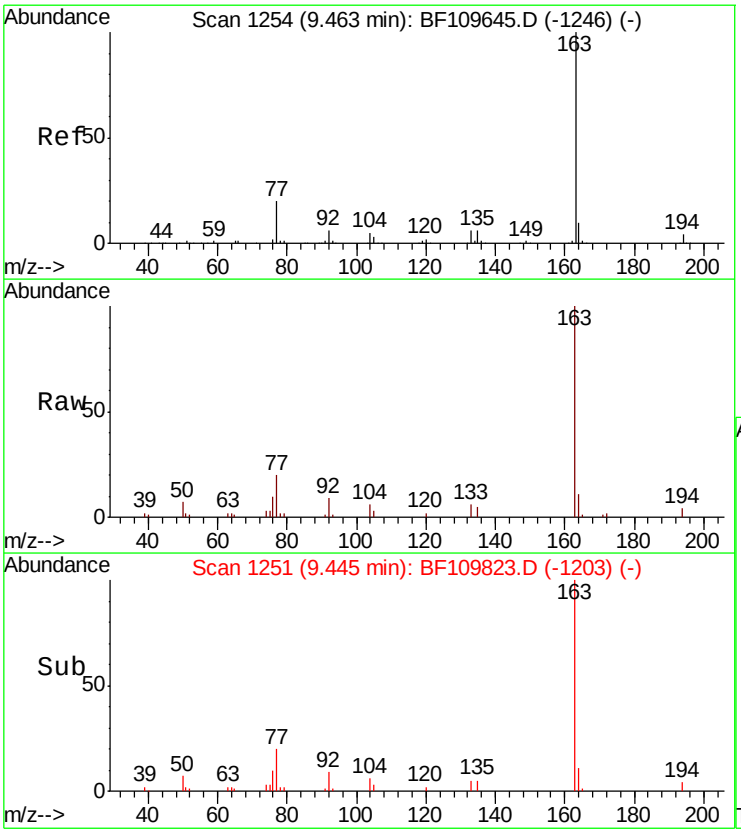

#44
2-Fluorobiphenyl
Concen: 107.968 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:172 Resp: 850359

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 28.6 | 43.0 |
| 170 | 23.9 | 19.7 | 29.5 |

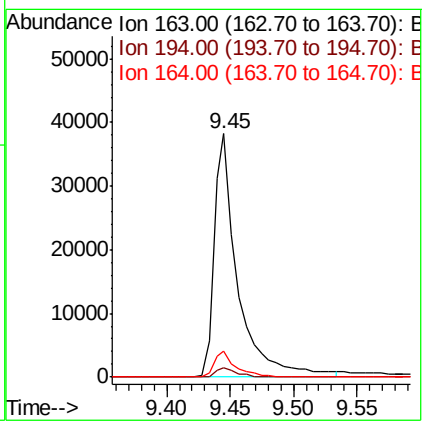


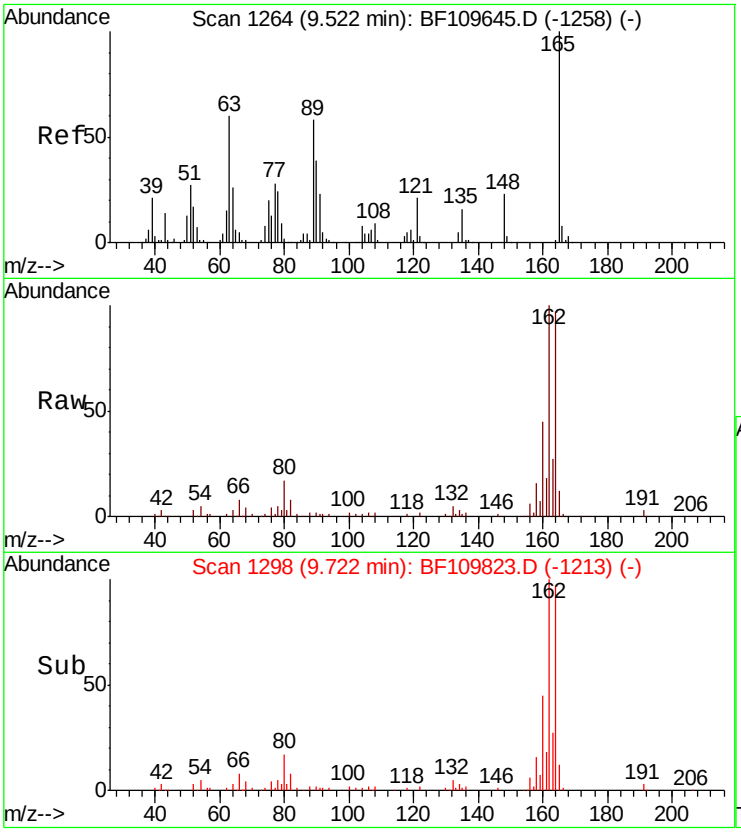




#49
Dimethylphthalate
Concen: 6.274 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion:163 Resp: 49915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.8 | 3.2 | 4.8 |
| 164 | 10.8 | 8.1 | 12.1 |



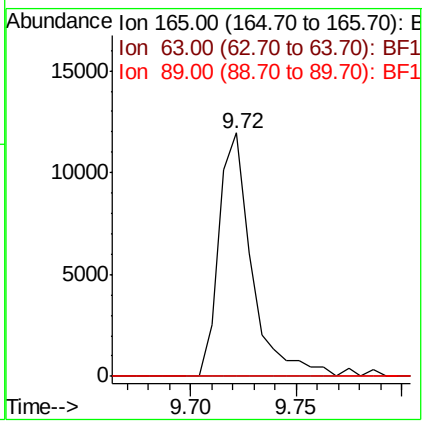


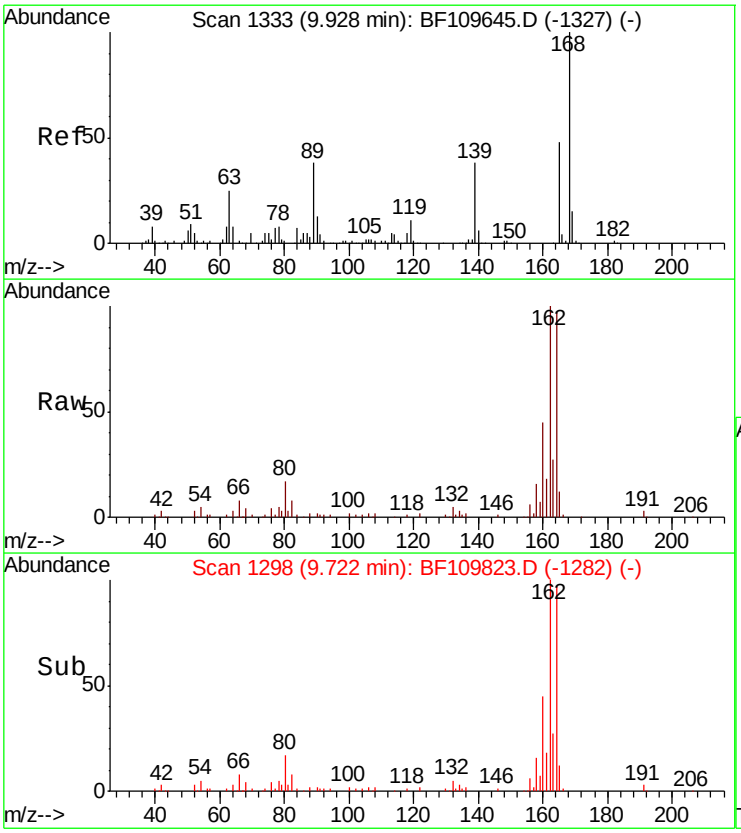

#50
2,6-Dinitrotoluene
Concen: 7.473 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:165 Resp: 12887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 48.9 | 73.3# |
| 89 | 0.0 | 46.6 | 69.8# |

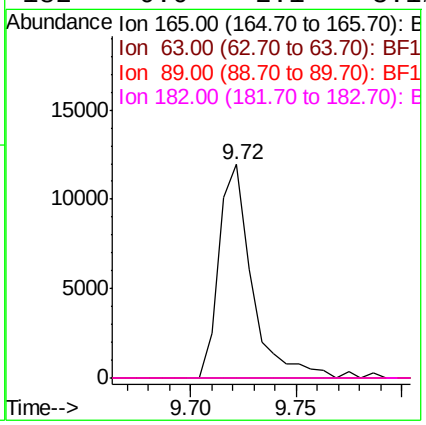


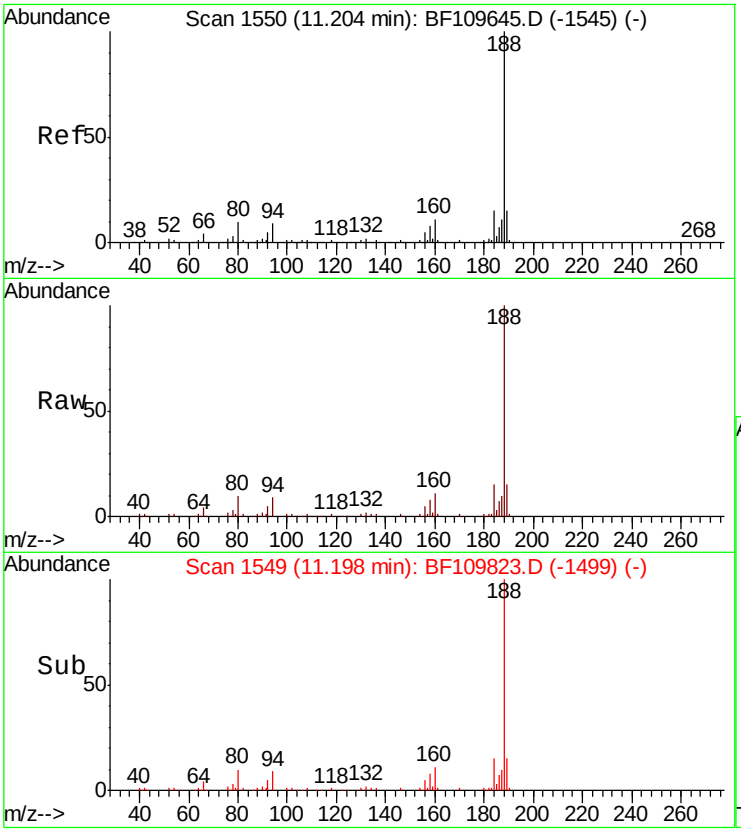




#56
2,4-Dinitrotoluene
Concen: 5.988 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.21 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion:165 Resp: 12887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 44.8 | 67.2# |
| 89 | 0.0 | 62.2 | 93.4# |
| 182 | 0.0 | 2.1 | 3.1# |



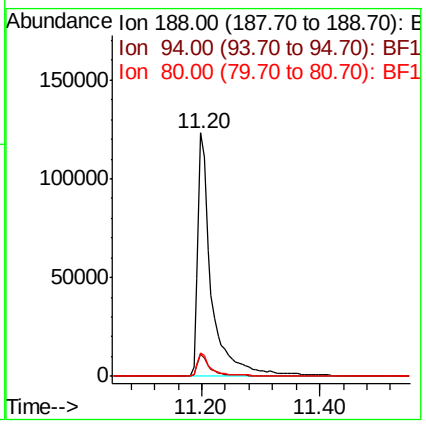


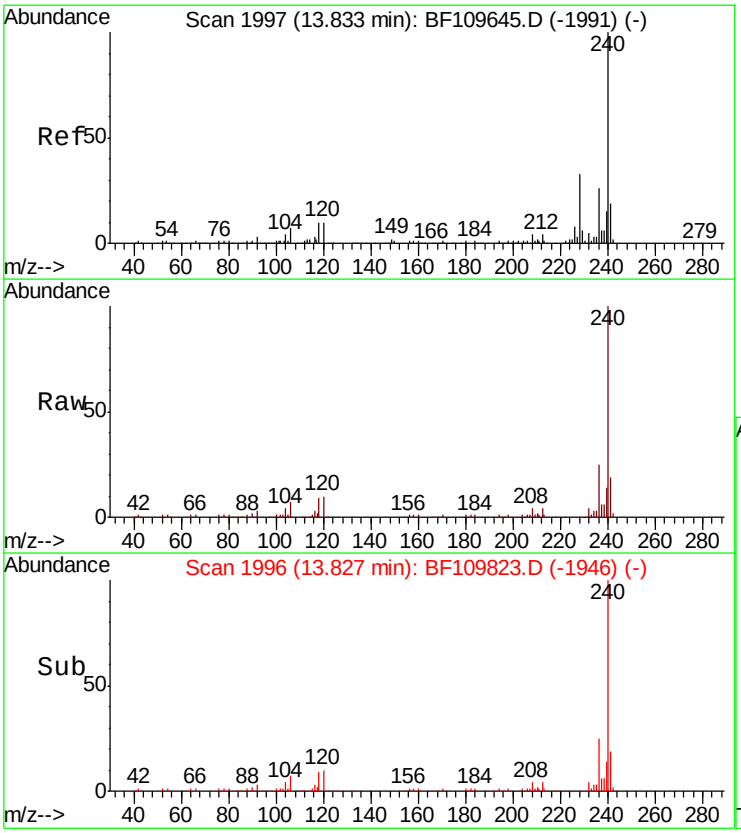

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:188 Resp: 197791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.2 | 7.2 | 10.8 |
| 80 | 9.8 | 7.9 | 11.9 |

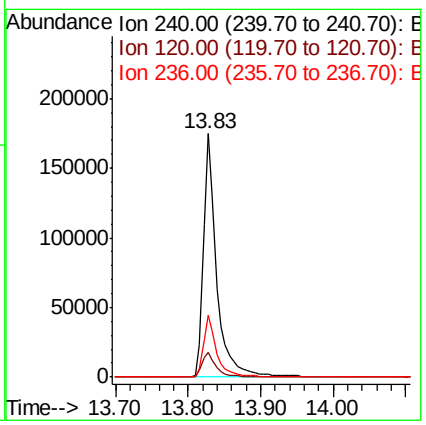


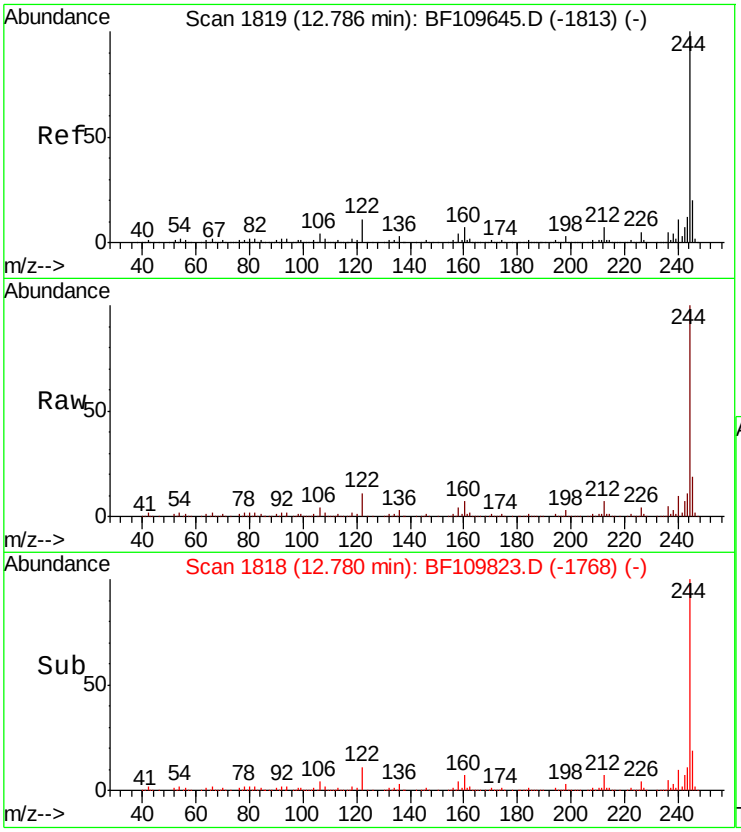




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion:240 Resp: 222369

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.3 | 8.3 | 12.5 |
| 236 | 25.4 | 21.2 | 31.8 |



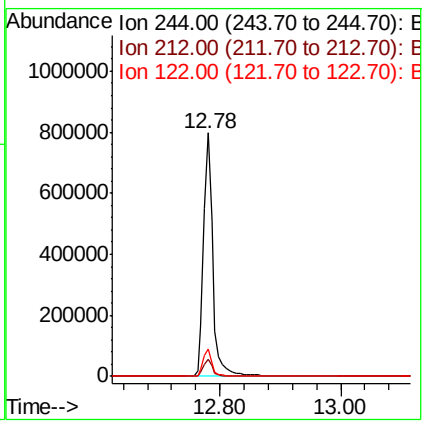


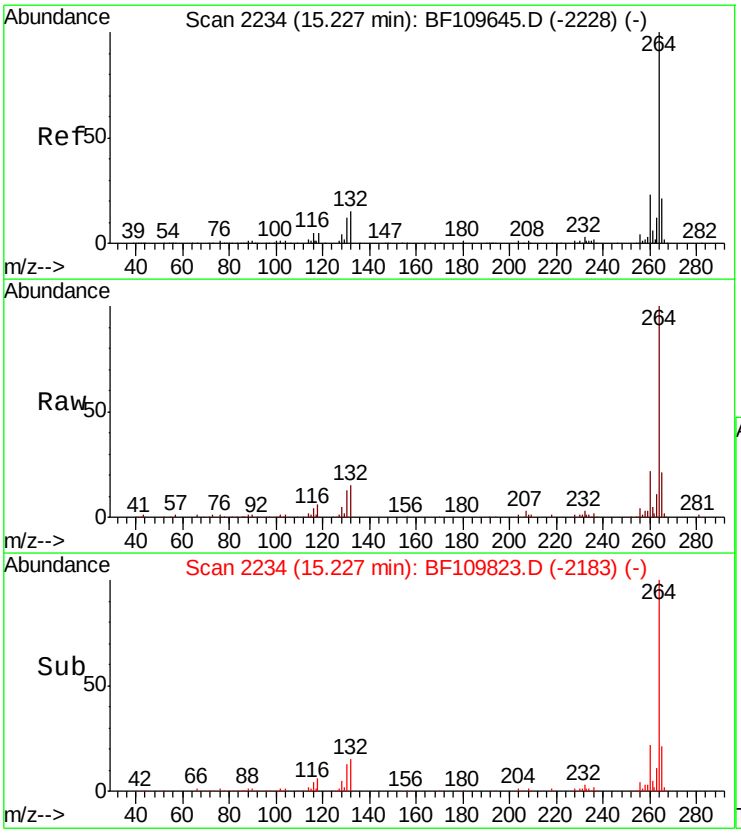

#78
Terphenyl-d14
Concen: 74.667 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

**Instrument :**
BNA_F
**ClientSampleId :**

Tgt Ion:244 Resp: 857697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.8 | 8.8 |
| 122 | 11.3 | 8.7 | 13.1 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109823.D
Acq: 12 Oct 2018 9:00

Tgt Ion:264 Resp: 160070

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.4 | 18.7 | 28.1 |
| 265 | 20.7 | 16.7 | 25.1 |